

pressing device.

14. The pressing device according to claim 1, further comprising an observer for estimating a pressing force of said roller and means for carrying out force feedback control based on a commanded pressing force and an estimated pressing force estimated by said observer.

15. The pressing device according to claim 1, wherein said working is laser beam machining.

16. A working robot in which said pressing device described in claim 1, is installed at the distal end of a robot arm.

18. The working robot according to claim 1, wherein a robot teaching pendant is provided with means capable of inputting at least any one of the position, speed, and pressing force of said roller support frame of the pressing device and the distance between said working tool mounted on said working tool mounting section and said plate portion.

19. The working robot according to claim 1, wherein at least any one of the position, speed, and pressing force of said roller support frame of the pressing device and the distance between said working tool mounted on said working tool mounting section and said plate portion is commanded by a robot program command.

REMARKS

In accordance with the foregoing, claims 10-16 and 18-19 have been amended. Claims 1-19 are pending and under consideration.